

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P528366

Luminaire Tested: **GALN-SA3C-722-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528366  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA3C-722-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 2200K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11490 lumens  
Efficiency: N/A  
Efficacy: 71.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

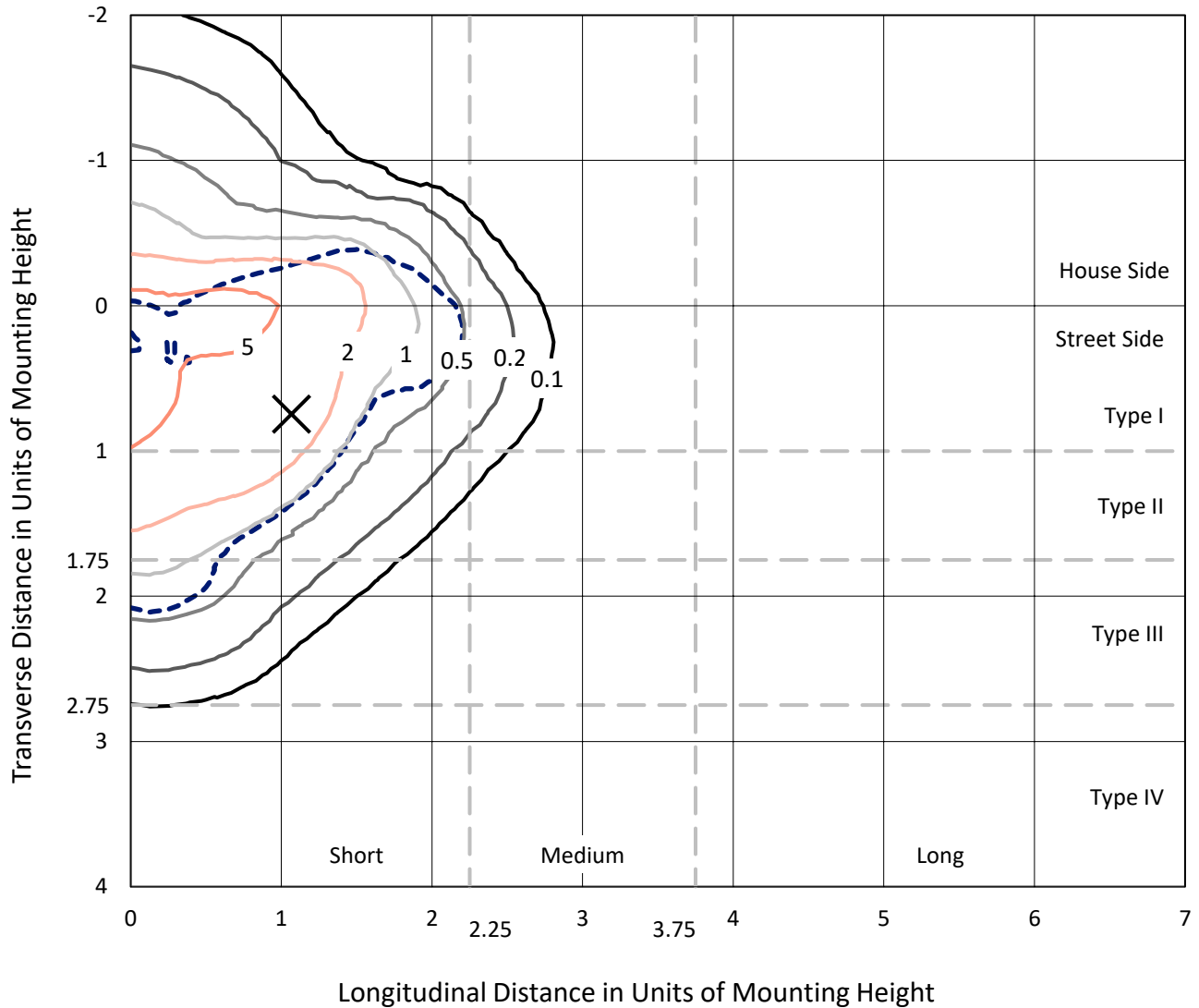
Input Watts (W): 160  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

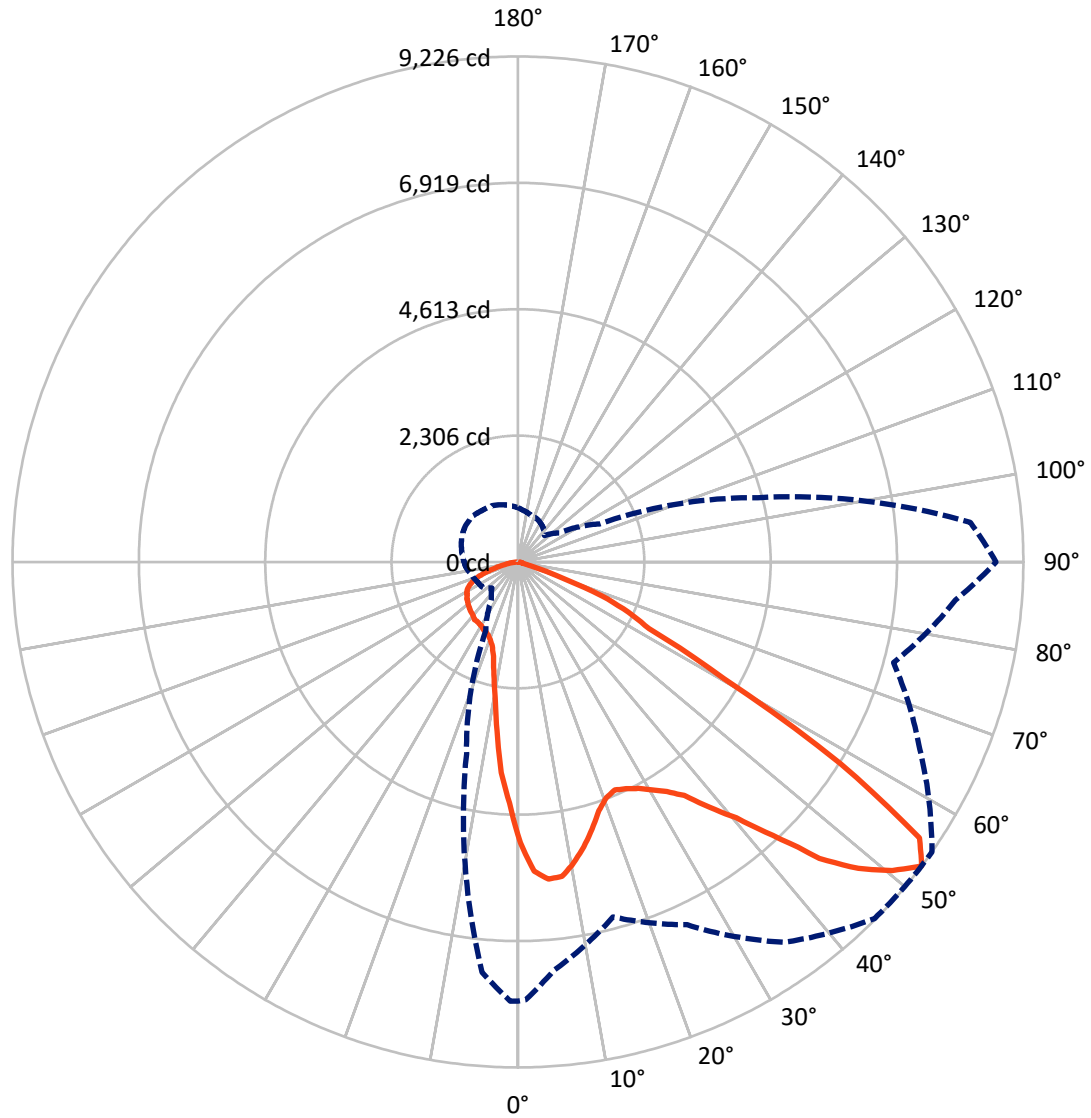
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral    - - - Horizontal Cone Through 52.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3505.1	0.0	3505.1
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	7984.9	0.0	7984.9
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	11490.0	0.0	11490.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	391.6	3.4
10°-20°	844.3	7.3
20°-30°	1280.2	11.1
30°-40°	1849.7	16.1
40°-50°	2471.7	21.5
50°-60°	2759.0	24.0
60°-70°	1513.4	13.2
70°-80°	327.2	2.8
80°-90°	52.9	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11490.0	100.0
0°-180°	11490.0	100.0

**Coefficient of Utilization**



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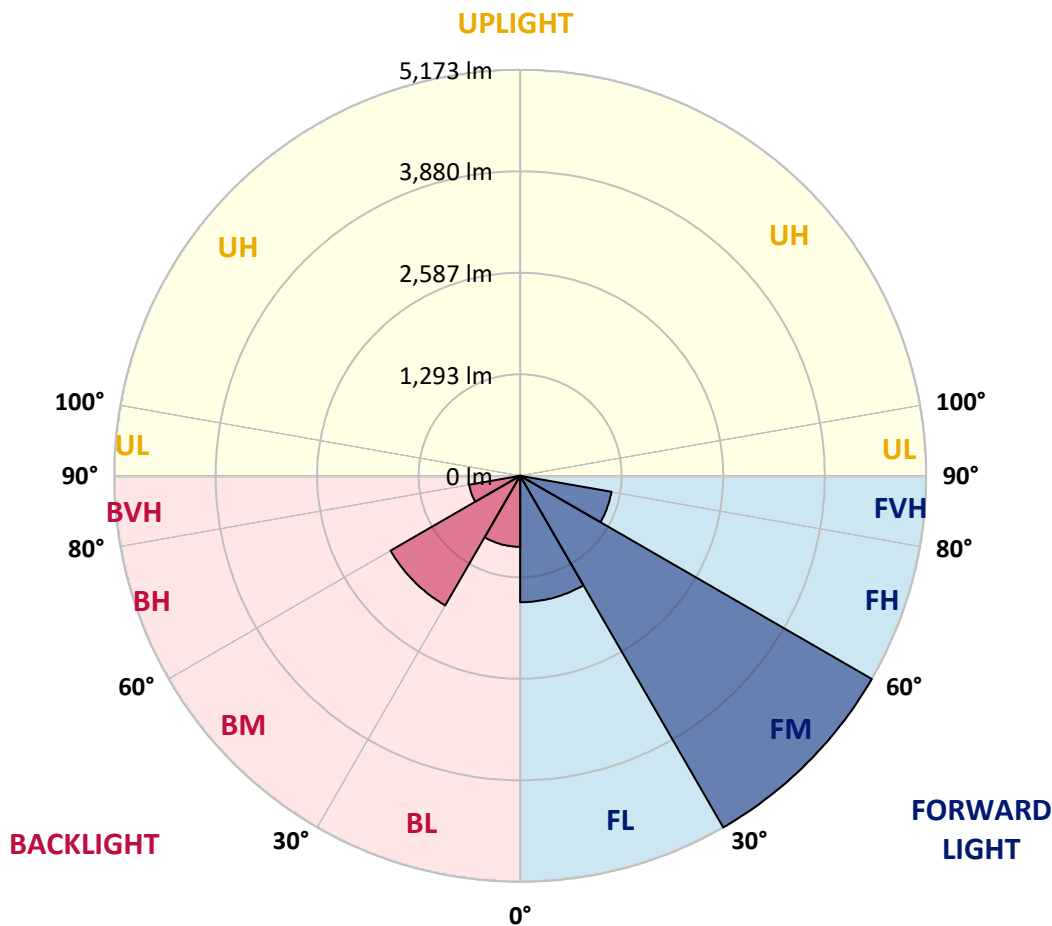
CATALOG NUMBER: GALN-SA3C-722-U-SLL-GRSWH

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1611.1	14.0			
FM (30°-60°)	5173.3	45.0			
FH (60°-80°)	1180.9	10.3			G1/1800
FVH (80°-90°)	19.6	0.2			G1/100
BL (0°-30°)	905.0	7.9	B2/1000		
BM (30°-60°)	1907.0	16.6	B2/2500		
BH (60°-80°)	659.7	5.7	B2/1000		G2/1000
BVH (80°-90°)	33.3	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4
2.5°	5378.8	5348.6	5375.4	5502.9	5576.7	5627.1	5658.9	5653.9	5533.1	5415.7	5415.7
5°	5221.1	5182.5	5237.8	5526.4	5816.6	5841.8	5883.8	5815.0	5637.1	5422.4	5154.0
7.5°	4764.7	4793.2	4885.5	5264.7	5642.2	5831.7	5882.1	5794.8	5506.3	5105.3	4711.0
10°	4370.5	4437.6	4650.6	5060.0	5407.3	5653.9	5709.3	5586.8	5358.6	4867.1	4514.7
12.5°	4234.6	4192.6	4429.2	4838.5	5170.7	5303.3	5328.4	5336.8	5182.5	4746.3	4316.8
15°	4217.8	4244.6	4429.2	4739.6	4944.2	4950.9	4992.9	5058.3	5078.5	4828.5	4409.0
17.5°	4459.4	4427.5	4617.1	4863.7	4766.4	4669.1	4679.2	4773.1	4939.2	4898.9	4699.3
20°	4816.7	4888.9	5038.2	5013.0	4751.3	4504.7	4506.4	4595.3	4922.4	5190.9	5103.6
22.5°	5410.6	5481.1	5591.8	5288.2	4751.3	4456.0	4399.0	4519.8	5029.8	5538.1	5560.0
25°	5952.5	6081.7	6111.9	5754.6	4989.5	4501.3	4464.4	4583.5	5137.2	5877.0	6083.4
27.5°	6445.8	6492.8	6625.3	6054.9	5122.1	4531.5	4528.2	4680.8	5273.1	6046.5	6551.5
30°	6835.0	6830.0	6905.5	6244.5	5333.5	4701.0	4538.2	4826.8	5450.9	6326.7	6984.3
32.5°	7100.1	7157.1	7316.5	6507.9	5422.4	4862.0	4734.5	4997.9	5667.3	6459.2	7289.7
35°	7566.5	7665.5	7464.2	6653.8	5704.2	5021.4	4872.1	5231.1	5774.7	6603.5	7663.8
37.5°	8006.1	7930.6	7725.9	6732.7	5887.1	5316.7	5177.4	5682.4	6108.6	6917.2	7912.1
40°	8287.9	8286.2	7922.2	6796.4	6016.3	5768.0	5759.6	6140.4	6517.9	7115.2	8190.6
42.5°	8410.4	8527.8	8002.7	6789.7	6288.1	6314.9	6484.4	6825.0	6808.2	7155.5	8183.9
44°	8578.2	8648.6	8142.0	6804.8	6469.3	6684.0	7083.3	7299.8	7061.5	7133.7	8175.5
45°	8571.5	8576.5	7944.0	6825.0	6623.6	6992.7	7350.1	7715.8	7284.7	7086.7	8286.2
47.5°	8375.2	8318.1	7776.2	6675.6	7105.1	7808.1	8138.6	8360.1	7559.8	6986.0	8148.7
50°	7987.6	7922.2	7368.5	6611.9	7205.8	8314.8	8771.1	8851.6	7809.8	6887.0	8012.8
52.5°	8014.5	7996.0	7484.3	6707.5	7306.5	8474.2	9205.6	9225.8	8093.3	7095.1	8014.5
55°	8494.3	8430.5	7816.5	6826.6	7232.6	8287.9	8928.8	8893.6	7997.7	6969.2	8162.1
57.5°	7772.9	7814.8	7356.8	6355.2	6330.0	6737.7	7019.6	6932.3	6674.0	6289.8	7593.4
60°	6271.3	6390.4	6434.0	5315.0	4776.5	4566.7	4482.9	4328.5	4372.1	5167.4	6670.6
62.5°	5378.8	5372.1	5645.5	4818.4	3128.9	2691.1	2650.8	2686.0	3189.3	5086.8	6533.0
65°	4264.8	4378.8	4462.7	4083.6	2476.3	1998.2	1996.5	2219.6	2759.8	4251.3	5274.7
67.5°	2707.8	2857.2	2961.2	2612.2	1655.9	1422.7	1384.1	1652.6	1912.6	2788.4	3175.9
70°	1526.7	1597.2	1644.2	1506.6	1053.6	738.2	694.6	758.3	1155.9	1805.2	1882.4
72.5°	588.9	620.8	684.5	689.5	397.6	238.2	192.9	231.5	486.5	714.7	681.2
75°	90.6	97.3	137.6	164.4	114.1	87.2	92.3	95.6	135.9	184.5	154.4
77.5°	43.6	43.6	41.9	48.7	57.0	62.1	67.1	73.8	80.5	88.9	85.6
80°	28.5	28.5	28.5	33.6	41.9	50.3	57.0	60.4	63.8	70.5	67.1
82.5°	18.5	18.5	18.5	25.2	33.6	41.9	45.3	53.7	60.4	70.5	65.4
85°	10.1	10.1	10.1	16.8	25.2	35.2	33.6	26.8	15.1	1.7	3.4
87.5°	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4
2.5°	5274.7	5197.6	5190.9	5033.2	4892.2	4823.4	4768.1	4613.7	4647.3	4558.4	4556.7
5°	5019.7	4862.0	4607.0	4397.3	4187.6	4145.6	3962.8	3803.4	3808.4	3694.3	3714.5
7.5°	4561.7	4452.7	4142.3	3813.5	3535.0	3337.0	3164.2	3060.2	2927.6	2882.3	2858.8
10°	4271.5	4137.3	3788.3	3375.6	3063.5	2957.8	2791.7	2699.4	2563.6	2496.4	2449.5
12.5°	4144.0	3947.7	3511.5	3092.0	2884.0	2774.9	2634.0	2466.2	2305.2	2243.1	2157.5
15°	4157.4	3922.5	3430.9	2977.9	2728.0	2516.6	2390.7	2204.5	2040.1	1931.1	1869.0
17.5°	4360.4	4075.2	3467.8	2890.7	2531.7	2266.6	2020.0	1818.6	1687.8	1605.6	1585.4
20°	4840.2	4452.7	3529.9	2749.8	2335.4	2004.9	1701.2	1491.5	1390.8	1389.2	1390.8
22.5°	5239.5	4855.3	3655.7	2665.9	2139.1	1669.3	1367.3	1300.2	1280.1	1322.0	1327.1
25°	5778.1	5308.3	3872.2	2622.3	1957.9	1422.7	1236.5	1211.3	1209.6	1263.3	1265.0
27.5°	6330.0	5704.2	4001.4	2494.8	1773.3	1295.2	1157.6	1152.6	1179.4	1236.5	1231.4
30°	6705.8	6036.4	4234.6	2342.1	1555.2	1182.8	1125.7	1132.5	1169.4	1213.0	1219.7
32.5°	7143.7	6363.6	4295.0	2258.2	1421.0	1088.8	1048.6	1063.7	1110.6	1179.4	1216.3
35°	7645.4	6595.1	4387.2	2144.1	1370.7	1016.7	996.6	1013.3	1070.4	1115.7	1155.9
37.5°	8016.1	7004.5	4404.0	2055.2	1315.3	976.4	944.6	999.9	1033.5	1097.2	1117.4
40°	8291.3	7301.4	4447.6	1999.8	1271.7	924.4	924.4	961.3	1006.6	1065.4	1105.6
42.5°	8467.4	7517.9	4479.5	1949.5	1187.8	909.3	900.9	937.8	998.2	1055.3	1073.7
44°	8574.8	7610.1	4447.6	1902.5	1164.3	890.9	890.9	922.7	969.7	1036.8	1058.6
45°	8601.7	7725.9	4377.2	1900.9	1135.8	869.1	865.7	926.1	958.0	1040.2	1053.6
47.5°	8705.7	7868.5	4385.6	1847.2	1067.0	817.0	875.8	902.6	931.1	1003.3	1048.6
50°	8702.3	7957.4	4367.1	1768.3	1016.7	758.3	855.6	885.8	914.4	988.2	1006.6
52.5°	8725.8	8289.6	4536.5	1642.5	926.1	682.8	788.5	855.6	890.9	952.9	991.5
55°	8714.1	8479.2	4704.3	1548.5	798.6	637.5	731.5	810.3	860.7	926.1	944.6
57.5°	7959.1	7494.4	4353.7	1372.4	661.0	583.8	651.0	763.4	827.1	894.2	917.7
60°	6502.8	5776.4	3590.3	1010.0	543.6	536.9	605.7	748.3	775.1	833.8	874.1
62.5°	6009.6	5066.7	2847.1	771.8	464.7	491.6	558.7	676.1	718.1	790.2	827.1
65°	4702.6	3365.5	1763.3	521.8	409.4	441.2	505.0	592.2	661.0	728.1	771.8
67.5°	2785.0	1838.8	872.4	365.7	357.4	390.9	456.3	521.8	600.6	674.4	696.3
70°	1516.7	904.3	372.5	278.5	303.7	333.9	397.6	442.9	518.4	575.5	612.4
72.5°	486.5	275.1	186.2	206.4	231.5	266.8	305.3	360.7	414.4	448.0	478.1
75°	117.4	115.8	132.5	144.3	167.8	194.6	226.5	255.0	297.0	328.8	355.7
77.5°	82.2	88.9	102.3	119.1	127.5	137.6	157.7	179.5	198.0	221.5	238.2
80°	63.8	68.8	78.9	87.2	95.6	104.0	114.1	122.5	134.2	149.3	157.7
82.5°	60.4	63.8	73.8	78.9	75.5	73.8	80.5	83.9	85.6	90.6	95.6
85°	5.0	0.0	3.4	11.7	28.5	41.9	45.3	45.3	43.6	47.0	47.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	6.7	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4
2.5°	4536.5	4479.5	4501.3	4528.2	4489.6	4400.7	4424.1	4414.1	4504.7	4498.0	4588.6
5°	3803.4	3714.5	3724.5	3855.4	3813.5	3858.8	3768.2	3756.4	3773.2	3781.6	3796.7
7.5°	2910.8	2899.1	2999.8	3110.5	3162.5	3108.8	3019.9	2999.8	2981.3	2944.4	3028.3
10°	2375.6	2379.0	2372.3	2456.2	2514.9	2503.2	2449.5	2442.8	2407.5	2394.1	2441.1
12.5°	2120.6	2075.3	2053.5	2026.7	2072.0	2102.2	2078.7	2061.9	2063.6	2080.4	2087.1
15°	1874.0	1845.5	1798.5	1768.3	1790.1	1775.0	1766.6	1800.2	1791.8	1788.4	1828.7
17.5°	1597.2	1620.7	1617.3	1583.8	1612.3	1600.5	1598.9	1575.4	1543.5	1520.0	1533.4
20°	1414.3	1457.9	1491.5	1493.2	1508.3	1506.6	1481.4	1409.3	1385.8	1380.8	1384.1
22.5°	1348.9	1372.4	1412.6	1469.7	1469.7	1442.8	1412.6	1328.8	1306.9	1283.5	1273.4
25°	1296.9	1342.2	1394.2	1400.9	1427.7	1402.6	1353.9	1312.0	1266.7	1234.8	1234.8
27.5°	1270.0	1320.4	1359.0	1370.7	1407.6	1387.5	1337.1	1283.5	1229.8	1228.1	1199.6
30°	1258.3	1305.3	1330.4	1359.0	1375.7	1343.9	1328.8	1271.7	1218.0	1204.6	1157.6
32.5°	1223.1	1290.2	1337.1	1330.4	1343.9	1330.4	1308.6	1261.6	1201.2	1171.0	1166.0
35°	1182.8	1249.9	1300.2	1335.5	1343.9	1315.3	1301.9	1238.2	1155.9	1140.8	1088.8
37.5°	1161.0	1201.2	1263.3	1320.4	1332.1	1317.0	1271.7	1206.3	1124.1	1107.3	1062.0
40°	1134.1	1186.1	1234.8	1281.8	1317.0	1280.1	1228.1	1164.3	1127.4	1077.1	1063.7
42.5°	1114.0	1172.7	1213.0	1265.0	1305.3	1256.6	1196.2	1152.6	1100.6	1067.0	1028.4
44°	1107.3	1161.0	1187.8	1251.6	1285.1	1248.2	1197.9	1152.6	1092.2	1062.0	1028.4
45°	1083.8	1157.6	1186.1	1243.2	1271.7	1241.5	1177.8	1132.5	1088.8	1051.9	1016.7
47.5°	1060.3	1110.6	1159.3	1204.6	1224.7	1214.7	1161.0	1105.6	1053.6	1031.8	998.2
50°	1053.6	1103.9	1149.2	1191.2	1214.7	1194.5	1145.9	1092.2	1031.8	996.6	968.0
52.5°	1020.1	1082.1	1132.5	1145.9	1176.1	1164.3	1127.4	1068.7	1011.7	981.5	958.0
55°	971.4	1036.8	1105.6	1122.4	1166.0	1147.6	1092.2	1036.8	988.2	942.9	912.7
57.5°	952.9	1016.7	1083.8	1105.6	1132.5	1102.3	1088.8	1030.1	952.9	929.5	882.5
60°	906.0	986.5	1041.9	1092.2	1093.9	1085.5	1062.0	994.9	931.1	887.5	854.0
62.5°	869.1	944.6	988.2	1035.2	1063.7	1040.2	1016.7	954.6	885.8	837.2	798.6
65°	815.4	884.2	921.1	949.6	981.5	978.1	937.8	892.5	820.4	781.8	744.9
67.5°	733.2	793.6	843.9	870.7	890.9	885.8	855.6	823.8	749.9	711.4	684.5
70°	634.2	696.3	728.1	743.2	763.4	773.4	749.9	734.8	669.4	619.1	593.9
72.5°	510.0	550.3	597.3	610.7	619.1	625.8	625.8	612.4	545.3	525.1	481.5
75°	375.8	407.7	442.9	442.9	458.0	459.7	463.1	454.7	404.3	377.5	367.4
77.5°	255.0	278.5	307.0	318.8	328.8	327.2	325.5	302.0	275.1	263.4	253.3
80°	166.1	189.6	203.0	218.1	228.2	226.5	229.8	213.1	201.3	181.2	184.5
82.5°	99.0	117.4	130.9	149.3	149.3	154.4	154.4	149.3	137.6	127.5	127.5
85°	47.0	62.1	70.5	82.2	88.9	90.6	80.5	68.8	57.0	52.0	57.0
87.5°	8.4	11.7	16.8	15.1	18.5	16.8	16.8	16.8	16.8	13.4	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P528366

CATALOG NUMBER: GALN-SA3C-722-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4	5125.4
2.5°	4555.0	4638.9	4697.6	4794.9	4962.7	5096.9	5234.5	5336.8	5348.6	5378.8
5°	3852.0	3897.3	4046.7	4241.3	4378.8	4605.3	4751.3	5016.4	5115.4	5221.1
7.5°	3008.1	3082.0	3281.6	3412.5	3714.5	3998.0	4291.6	4618.8	4749.6	4764.7
10°	2536.7	2644.1	2780.0	2989.7	3154.1	3469.5	3835.3	4199.3	4345.3	4370.5
12.5°	2228.0	2365.6	2546.8	2697.8	2855.5	3130.6	3481.3	3930.9	4120.5	4234.6
15°	1931.1	2073.7	2273.3	2483.0	2622.3	2951.1	3363.8	3870.5	4117.1	4217.8
17.5°	1625.7	1758.2	1922.7	2149.2	2429.3	2798.4	3345.4	4071.8	4341.9	4459.4
20°	1364.0	1437.8	1629.1	1862.3	2212.9	2642.4	3352.1	4368.8	4764.7	4816.7
22.5°	1261.6	1278.4	1353.9	1568.7	1952.9	2483.0	3471.2	4789.9	5239.5	5410.6
25°	1182.8	1179.4	1199.6	1343.9	1763.3	2420.9	3588.6	5177.4	5766.3	5952.5
27.5°	1139.2	1105.6	1107.3	1243.2	1629.1	2320.3	3739.6	5622.0	6363.6	6445.8
30°	1117.4	1110.6	1090.5	1145.9	1483.1	2169.3	3764.8	6059.9	6715.9	6835.0
32.5°	1103.9	1038.5	1013.3	1033.5	1345.5	2004.9	3858.8	6348.5	7152.1	7100.1
35°	1036.8	978.1	961.3	981.5	1248.2	1912.6	3796.7	6600.1	7479.3	7566.5
37.5°	1011.7	959.7	926.1	909.3	1157.6	1835.4	3764.8	6987.7	7796.4	8006.1
40°	988.2	932.8	892.5	875.8	1087.2	1733.1	3754.7	7286.3	8162.1	8287.9
42.5°	961.3	926.1	880.8	850.6	1001.6	1630.7	3639.0	7378.6	8274.5	8410.4
44°	952.9	899.3	852.3	842.2	968.0	1578.7	3615.5	7462.5	8371.8	8578.2
45°	944.6	894.2	840.5	827.1	956.3	1550.2	3583.6	7482.6	8532.9	8571.5
47.5°	921.1	889.2	837.2	800.3	931.1	1488.1	3488.0	7368.5	8368.5	8375.2
50°	902.6	865.7	812.0	739.9	897.6	1436.1	3531.6	7326.6	7972.5	7987.6
52.5°	882.5	827.1	796.9	672.8	842.2	1392.5	3623.9	7516.2	8017.8	8014.5
55°	859.0	798.6	724.8	615.7	749.9	1337.1	3847.0	7890.3	8437.2	8494.3
57.5°	822.1	770.1	664.4	565.4	644.2	1231.4	3774.9	7173.9	7762.8	7772.9
60°	773.4	724.8	602.3	526.8	528.5	971.4	3375.6	5590.2	6125.3	6271.3
62.5°	726.5	699.6	550.3	471.4	449.6	773.4	2853.8	4645.6	5258.0	5378.8
65°	671.1	605.7	505.0	429.5	385.9	541.9	2021.7	3471.2	4102.0	4264.8
67.5°	600.6	530.2	444.6	377.5	330.5	362.4	1043.5	1973.0	2612.2	2707.8
70°	525.1	459.7	374.1	318.8	266.8	250.0	459.7	941.2	1427.7	1526.7
72.5°	431.2	370.8	298.6	251.7	199.6	172.8	154.4	251.7	506.7	588.9
75°	312.1	270.1	224.8	179.5	140.9	110.7	90.6	75.5	83.9	90.6
77.5°	229.8	196.3	166.1	127.5	99.0	78.9	62.1	47.0	45.3	43.6
80°	179.5	159.4	132.5	102.3	77.2	58.7	43.6	31.9	28.5	28.5
82.5°	140.9	130.9	109.1	83.9	63.8	47.0	31.9	21.8	18.5	18.5
85°	53.7	53.7	78.9	68.8	48.7	33.6	21.8	11.7	10.1	10.1
87.5°	13.4	13.4	13.4	13.4	11.7	10.1	10.1	5.0	3.4	3.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)